

**IN THE SPECIFICATION**

Please amend the specification as follows:

The paragraph beginning at page 2, line 9 is amended as follows:

In some embodiments, the chamber may be evacuated to a medium-level vacuum (e.g., around  $10^{-2}$  Torr) with a less-expensive roughing pump, and the filling and the ~~purging~~ evacuating may be repeated to reduce impurities from the chamber to obtain a high concentration of the substantially-pure gas. In some embodiments, after filling the chamber with the gas, the gas may be evacuated from the chamber prior to freezing to generate a medium-level vacuum (e.g., around  $10^{-2}$  Torr). In some embodiments, the medium-level vacuum may be approximately  $\frac{1}{4}$  of atmospheric pressure, although the scope of the invention is not limited in this respect.